Section 3
Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, 2000

TABLES

FIGURES

Crashes Involving Pedestrians 1993 - 2000

Table 3.01 and Figure 3.01 show the trends in pedestrian crashes for 1993 - 2000. The highest rate per million vehicle miles traveled (MVMT) of pedestrian crashes and pedestrian injury crashes occurred in 1996, while the highest rate of fatal pedestrian crashes occurred in 1995. Part of the decrease in reported pedestrian crashes from 1997 to 2000 is due to a change in reporting criteria initiated in 1997 that excluded private property crashes. As a result, pedestrian crashes that occurred in a parking lot, driveway, sidewalk, and other private roadways would not be included from 1997 forward.

Figure 3.01 Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 1993 - 2000

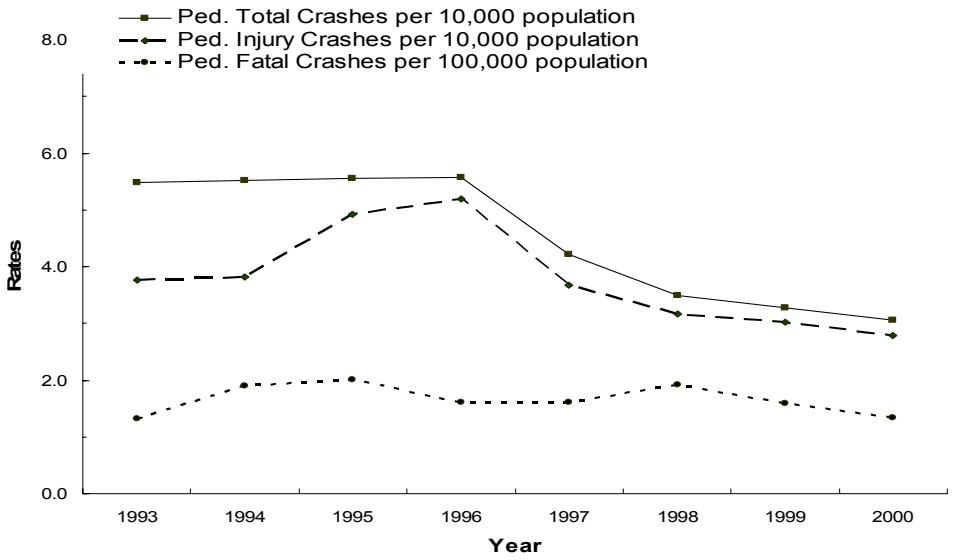


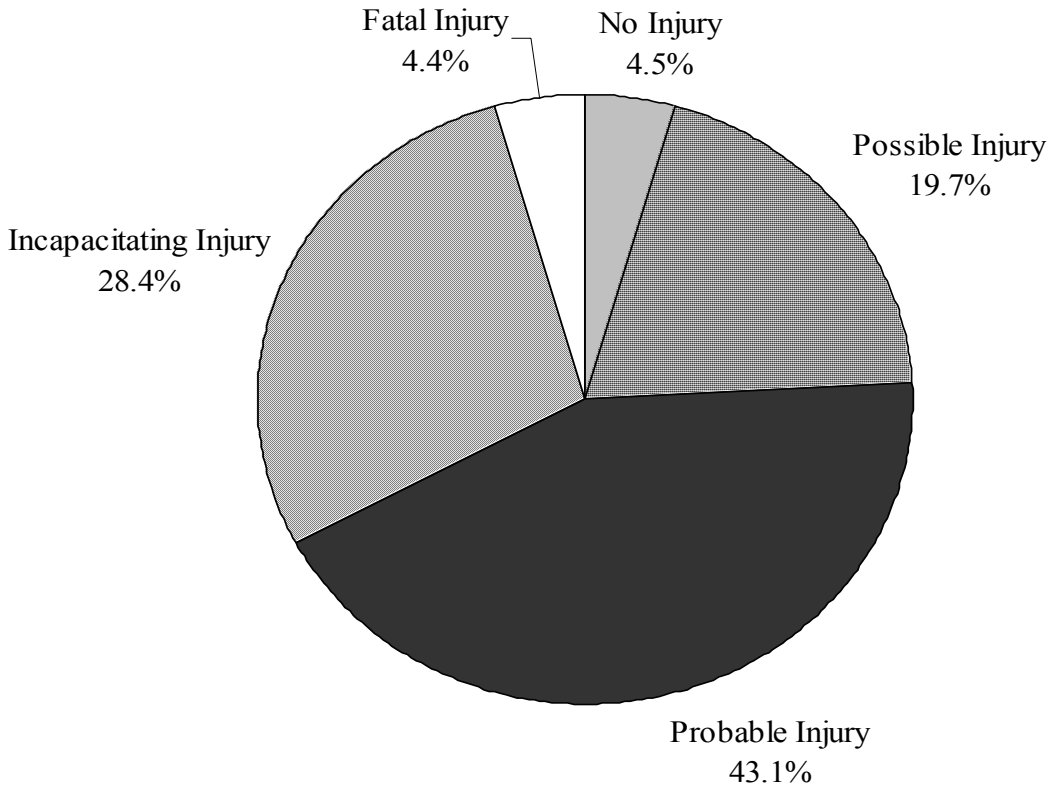
Table 3.01 Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 1993 - 2000

Year	Ped. Total Crashes #	Ped. Total Crashes Rate per 10,000 population	Ped. Injury Crashes #	Ped. Injury Crashes Rate per 10,000 population	Ped. Fatal Crashes #	Ped. Fatal Crashes Rate per 100,000 population
1993	1,035	5.5	712	3.8	25	1.3
1994	1,075	5.5	745	3.8	37	1.9
1995	1,108	5.6	981	4.9	40	2.0
1996	1,137	5.6	1,060	5.2	33	1.6
1997	884	4.2	773	3.7	34	1.6
1998	748	3.5	679	3.2	41	1.9
1999	720	3.3	661	3.0	35	1.6
2000	687	3.1	626	2.8	30	1.3

Pedestrian Crash Severity

Figure 3.02 shows that the majority of pedestrian crashes (95.5%) resulted in some level of injury compared to 37.4% of all motor vehicle crashes. Moreover, 4.4% of pedestrian crashes resulted in a fatality, compared to 0.6% of all motor vehicle crashes.

Figure 3.02 Severity of Pedestrian Motor Vehicle Crashes as Reported by Police, Utah 2000 (n=687)



Pedestrian Crashes by County

The rates of pedestrian-involved crashes, injury crashes and fatal crashes by county are shown in Table 3.02. There are two different rates given; one based on the miles traveled in the county, and another on the population of the county. The top three counties for pedestrian-involved crashes and injury crashes based on miles traveled were Salt Lake, Weber, and Utah.

Table 3.02 Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians by County, Utah 2000

	Ped. Total Crashes			Ped. Injury Crashes			Ped. Fatal Crashes		
County	#	Rate per 100 MVMT	Rate per 10,000 Population	#	Rate per 100 MVMT	Rate per 10,000 Population	#	Rate per 1000 MVMT	Rate per 10,000 Population
Beaver	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Box Elder	11	1.2	2.6	9	1.0	2.1	2	2.2	0.5
Cache	18	2.3	1.9	17	2.1	1.8	1	1.3	0.1
Carbon	3	0.9	1.3	3	0.9	1.3	0	0.0	0.0
Daggett	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Davis	58	2.8	2.5	53	2.5	2.2	1	0.5	0.0
Duchesne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Emery	1	0.3	0.9	1	0.3	0.9	0	0.0	0.0
Garfield	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Grand	3	1.1	2.7	3	1.1	2.7	0	0.0	0.0
Iron	3	0.5	0.9	3	0.5	0.9	0	0.0	0.0
Juab	1	0.3	1.2	1	0.3	1.2	0	0.0	0.0
Kane	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Millard	2	0.5	1.5	2	0.5	1.5	0	0.0	0.0
Morgan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Piute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Salt Lake	356	4.9	4.1	322	4.4	3.7	19	2.6	0.2
San Juan	1	0.4	0.7	1	0.4	0.7	0	0.0	0.0
Sanpete	2	0.9	0.9	2	0.9	0.9	0	0.0	0.0
Sevier	5	1.3	2.5	5	1.3	2.5	0	0.0	0.0
Summit	7	1.1	2.5	6	1.0	2.2	0	0.0	0.0
Tooele	9	1.3	2.6	7	1.0	2.0	2	3.0	0.6
Uintah	5	1.7	2.0	5	1.7	2.0	0	0.0	0.0
Utah	117	3.9	3.4	111	3.7	3.2	2	0.7	0.1
Wasatch	3	1.2	2.1	2	0.8	1.4	0	0.0	0.0
Washington	14	1.6	1.6	13	1.4	1.5	0	0.0	0.0
Wayne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Weber	68	4.5	3.6	60	4.0	3.1	3	2.0	0.2
Statewide	687	3.1	3.2	626	2.8	2.9	30	1.3	0.1

Table 3.03 compares pedestrian crashes in 1999 to 2000. More counties experienced a decrease in pedestrian crashes for 2000 compared to 1999.

Table 3.03. Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians by County, Utah 1999 - 2000

	Ped. Total Crashes				Ped. Injury Crashes				Ped. Fatal Crashes			
	1999		2000		1999		2000		1999		2000	
County	#	Rate per 100 MVMT	#	Rate per 100 MVMT	#	Rate per 100 MVMT	#	Rate per 100 MVMT	#	Rate per 1000 MVMT	#	Rate per 1000 MVMT
Beaver	1	0.5	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0
Box Elder	11	1.3	11	1.2	10	1.1	9	1.0	1	1.1	2	2.2
Cache	24	3.2	18	2.3	22	2.9	17	2.1	2	2.6	1	1.3
Carbon	2	0.6	3	0.9	2	0.6	3	0.9	0	0.0	0	0.0
Daggett	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Davis	48	2.4	58	2.8	42	2.1	53	2.5	5	2.5	1	0.5
Duchesne	4	2.2	0	0.0	4	2.2	0	0.0	0	0.0	0	0.0
Emery	0	0.0	1	0.3	0	0.0	1	0.3	0	0.0	0	0.0
Garfield	1	0.8	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0
Grand	2	0.7	3	1.1	2	0.7	3	1.1	0	0.0	0	0.0
Iron	6	1.1	3	0.5	6	1.1	3	0.5	0	0.0	0	0.0
Juab	1	0.3	1	0.3	1	0.3	1	0.3	0	0.0	0	0.0
Kane	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Millard	2	0.5	2	0.5	2	0.5	2	0.5	0	0.0	0	0.0
Morgan	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Piute	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rich	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salt Lake	366	5.1	356	4.9	336	4.7	322	4.4	14	1.9	19	2.6
San Juan	5	2.0	1	0.4	5	2.0	1	0.4	0	0.0	0	0.0
Sanpete	5	2.2	2	0.9	4	1.7	2	0.9	1	4.3	0	0.0
Sevier	4	1.1	5	1.3	4	1.1	5	1.3	0	0.0	0	0.0
Summit	4	0.7	7	1.1	4	0.7	6	1.0	0	0.0	0	0.0
Tooele	4	0.6	9	1.3	3	0.5	7	1.0	1	1.6	2	3.0
Uintah	1	0.4	5	1.7	0	0.0	5	1.7	0	0.0	0	0.0
Utah	127	4.3	117	3.9	118	4.0	111	3.7	6	2.1	2	0.7
Wasatch	2	0.8	3	1.2	2	0.8	2	0.8	0	0.0	0	0.0
Washington	24	2.9	14	1.6	20	2.4	13	1.4	2	2.4	0	0.0
Wayne	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Weber	76	5.1	68	4.5	72	4.9	60	4.0	3	2.0	3	2.0
Statewide	720	3.3	687	3.1	661	3.0	626	2.8	35	1.6	30	1.3

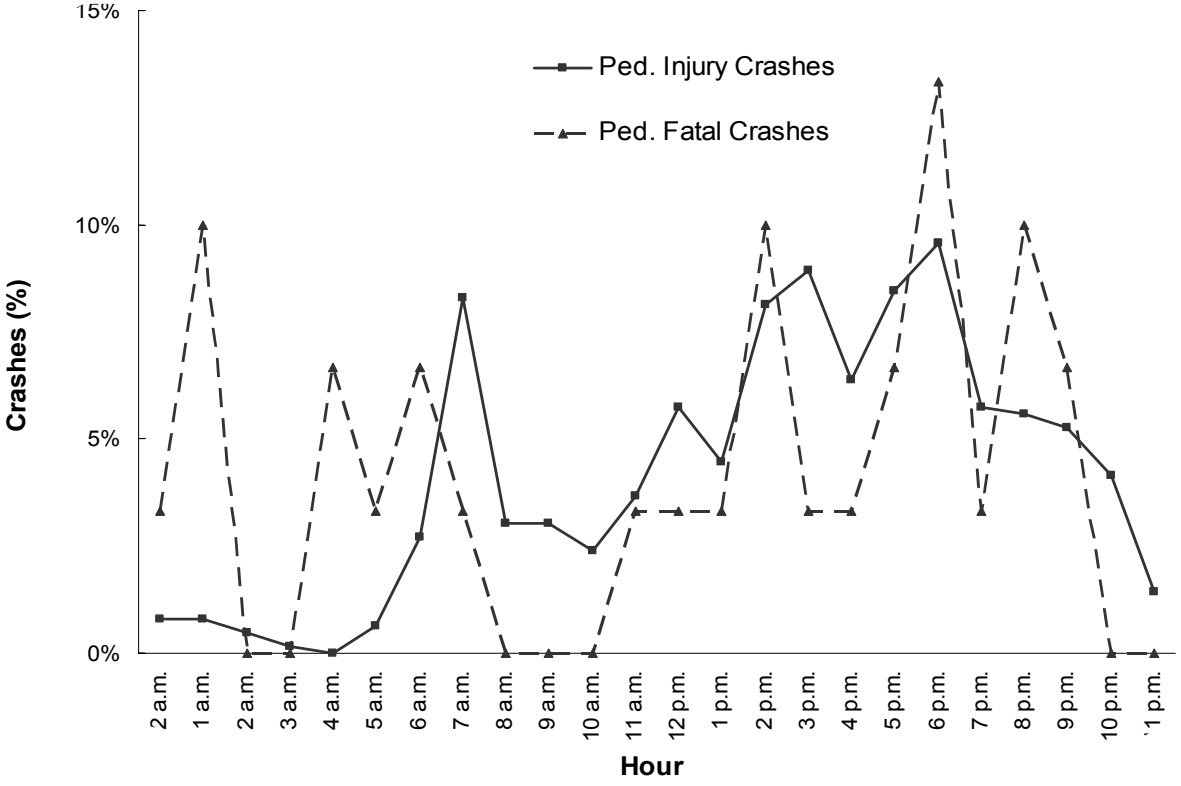
Pedestrian Crash Times

Table 3.04 and Figure 3.03 show that pedestrian crashes and pedestrian injury crashes peaked during the afternoon (2 p.m. to 6 p.m.) and again in the morning hour at 7 a.m. Fatal pedestrian crashes occurred most often at 6 p.m.

Table 3.04 Hour of Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Hour	#	%	#	%	#	%
12 a.m.	6	0.9%	5	0.8%	1	3.3%
1 a.m.	8	1.2%	5	0.8%	3	10.0%
2 a.m.	3	0.4%	3	0.5%	0	0.0%
3 a.m.	1	0.1%	1	0.2%	0	0.0%
4 a.m.	2	0.3%	0	0.0%	2	6.7%
5 a.m.	5	0.7%	4	0.6%	1	3.3%
6 a.m.	19	2.8%	17	2.7%	2	6.7%
7 a.m.	55	8.0%	52	8.3%	1	3.3%
8 a.m.	22	3.2%	19	3.0%	0	0.0%
9 a.m.	21	3.1%	19	3.0%	0	0.0%
10 a.m.	16	2.3%	15	2.4%	0	0.0%
11 a.m.	26	3.8%	23	3.7%	1	3.3%
12 p.m.	38	5.5%	36	5.8%	1	3.3%
1 p.m.	33	4.8%	28	4.5%	1	3.3%
2 p.m.	56	8.2%	51	8.1%	3	10.0%
3 p.m.	61	8.9%	56	8.9%	1	3.3%
4 p.m.	44	6.4%	40	6.4%	1	3.3%
5 p.m.	57	8.3%	53	8.5%	2	6.7%
6 p.m.	66	9.6%	60	9.6%	4	13.3%
7 p.m.	37	5.4%	36	5.8%	1	3.3%
8 p.m.	40	5.8%	35	5.6%	3	10.0%
9 p.m.	36	5.2%	33	5.3%	2	6.7%
10 p.m.	26	3.8%	26	4.2%	0	0.0%
11 p.m.	9	1.3%	9	1.4%	0	0.0%
Grand Total	687	100.0%	626	100.0%	30	100.0%

Figure 3.03 Hour of Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000



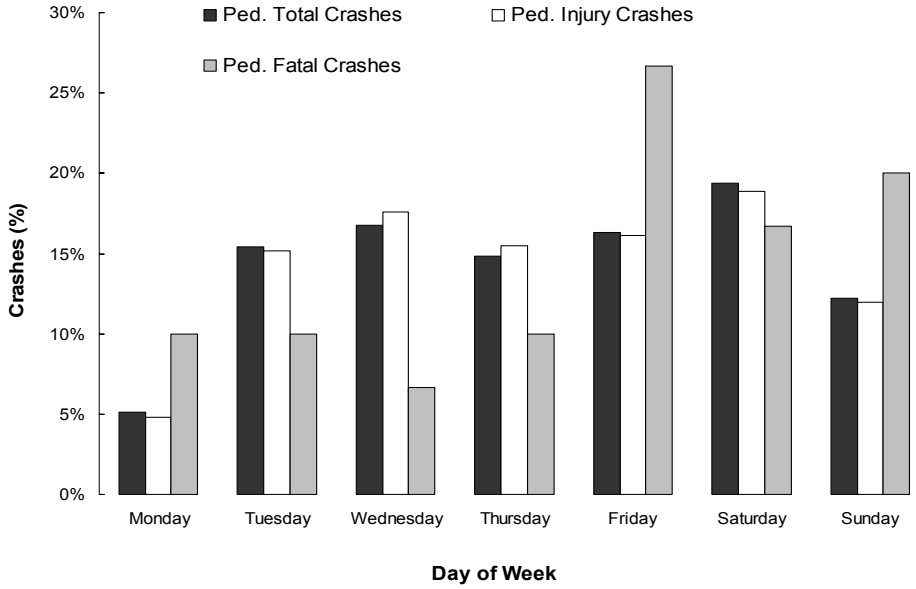
September and October had the highest rates of pedestrian crashes and pedestrian injury crashes (Table 3.05). The majority of fatal pedestrian crashes occurred in the summer months of June, July, and August (33%) and in the winter months of December and January (33%). The rate of fatal pedestrian crashes per day during January and July was 0.2 which is double the yearly rate of 0.1.

Table 3.05 Month of Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Crash Month	#	Rate per Day	#	Rate per Day	#	Rate per Day
January	61	2.0	52	1.7	6	0.2
February	59	2.1	57	2.0	1	0.0
March	58	1.9	54	1.7	0	0.0
April	49	1.6	44	1.5	3	0.1
May	49	1.6	44	1.4	2	0.1
June	38	1.3	35	1.2	3	0.1
July	47	1.5	40	1.3	5	0.2
August	43	1.4	36	1.2	2	0.1
September	76	2.5	73	2.4	0	0.0
October	76	2.5	71	2.3	3	0.1
November	63	2.1	60	2.0	1	0.0
December	68	2.2	60	1.9	4	0.1
Grand Total	687	1.9	626	1.7	30	0.1

Figure 3.04 shows that the highest percentage of pedestrian crashes and pedestrian injury crashes occurred on Saturday. Fatal pedestrian crashes occurred most often on Friday.

Figure 3.04 Day of Week for Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000



Note: The above graph is based on percentages for the different crash categories. To read the above graph, look at one category across the days of the week. For example, look at only the white bars (i.e. pedestrian injury crashes) from day to day. Do not compare the heights of the different crash categories for a specific day.

Table 3.06 Day of Week for Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Day of Week	#	%	#	%	#	%
Monday	35	5.1%	30	4.8%	3	10.0%
Tuesday	106	15.4%	95	15.2%	3	10.0%
Wednesday	115	16.7%	110	17.6%	2	6.7%
Thursday	102	14.8%	97	15.5%	3	10.0%
Friday	112	16.3%	101	16.1%	8	26.7%
Saturday	133	19.4%	118	18.8%	5	16.7%
Sunday	84	12.2%	75	12.0%	6	20.0%
Grand Total	687	100.0%	626	100.0%	30	100.0%

Pedestrian Crash Characteristics

Urban areas accounted for 86.7% of the fatal pedestrian crashes and 86.9% of total pedestrian crashes (Table 3.07).

Table 3.07 Urban / Rural Location of Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

Urban / Rural Location	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
	#	%	#	%	#	%
Rural Area - Up to 5,000	90	13.1%	83	13.3%	4	13.3%
Small Urban - 5,000 to 49,999	33	4.8%	31	5.0%	1	3.3%
Moderate Urban - 50,000 to 199,999	17	2.5%	16	2.6%	1	3.3%
Large Urban - 200,000 or More	547	79.6%	496	79.2%	24	80.0%
Grand Total	687	100.0%	626	100.0%	30	100.0%

Table 3.08 shows that the largest percentage of vehicles involved in pedestrian crashes and injury crashes were passenger cars, while pickup trucks and vans were involved in the largest percentage of fatal pedestrian crashes. School buses were involved in 4 pedestrian crashes of which one was an injury crash that involved two injured pedestrians and two that resulted in two pedestrian fatalities. Large/semi trucks were involved in 11 pedestrian crashes resulting in 9 injured pedestrians and 2 fatalities.

Table 3.08 Type of Vehicles Involved in Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

Vehicle Type	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
	#	%	#	%	#	%
Passenger Car	400	55.7%	370	56.9%	13	40.6%
Pickup Truck / Vans	275	38.3%	247	38.0%	14	43.8%
Unknown	16	2.2%	13	2.0%	0	0.0%
Large/Semi Truck	11	1.5%	9	1.4%	2	6.3%
Other	7	1.0%	6	0.9%	0	0.0%
Motorcycle	2	0.3%	2	0.3%	0	0.0%
School Bus	4	0.6%	1	0.2%	2	6.3%
Grand Total	718	100.0%	650	100.0%	32	100.0%

Note: More than one vehicle may be involved in a pedestrian crash. Unknown vehicles are "hit and run" vehicles.

Pedestrian Crash Violations and Contributing Factors

There were 703 drivers involved in pedestrian crashes, of which 358 (50.9%) were cited for a traffic violation (Table 3.09). Almost half (49.2%) of the violations were for "failure to yield right of way". Only 8 of the 32 (25%) drivers involved in fatal pedestrian crashes received a citation at the crash scene.

Table 3.09 Violations for Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Violations	**#**	**%**	**#**	**%**	**#**	**%**
Failure to yield right-of-way	176	49.2%	168	50.0%	2	25.0%
Improper lookout	70	19.6%	68	20.2%	0	0.0%
All Other Non-moving violations	39	10.9%	37	11.0%	2	25.0%
Hit and Run	12	3.4%	11	3.3%	1	12.5%
Speeding	12	3.4%	12	3.6%	0	0.0%
Driving under the influence	10	2.8%	9	2.7%	1	12.5%
All other moving violations	8	2.2%	7	2.1%	0	0.0%
Reckless Driving	6	1.7%	4	1.2%	0	0.0%
Improper backing	6	1.7%	5	1.5%	1	12.5%
Red light	6	1.7%	4	1.2%	0	0.0%
Negligent collision	4	1.1%	4	1.2%	0	0.0%
Improper passing	2	0.6%	1	0.3%	0	0.0%
Following too close	2	0.6%	2	0.6%	0	0.0%
Improper turn	2	0.6%	2	0.6%	0	0.0%
Vehicular homicide	1	0.3%	0	0.0%	1	12.5%
Stop sign	1	0.3%	1	0.3%	0	0.0%
Wrong side of road	1	0.3%	1	0.3%	0	0.0%
Grand Total	358	100.0%	336	100.0%	8	100.0%

The factors contributing to pedestrian crashes are listed in Table 3.10. These factors were coded by the officers at the scene for vehicles involved in the crash. The officer may record no contributing factor or up to two different contributing factors. The primary contributing factor recorded for all types of pedestrian crashes was "improper lookout." Alcohol and other drugs appear to be an important contributing factor in fatal pedestrian crashes. While "DUI", "had been drinking" and "under the influence of drugs" account for 3% of contributing factors in all pedestrian crashes, these factors accounted for 16% in fatal pedestrian crashes.

Table 3.10 Contributing Factors in Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Contributing Factors	#	%	#	%	#	%
Improper Lookout	171	32.3%	159	33.2%	5	26.3%
Failed to Yield the Right of Way	139	26.3%	131	27.3%	2	10.5%
Hit and Run	79	14.9%	69	14.4%	4	21.1%
Other Improper Driving	33	6.2%	29	6.1%	1	5.3%
Speed Too Fast	21	4.0%	19	4.0%	0	0.0%
Disregarded Traffic Signal	13	2.5%	11	2.3%	0	0.0%
Driving Under the Influence	11	2.1%	9	1.9%	2	10.5%
Improper Backing	8	1.5%	7	1.5%	1	5.3%
Improper Parking	8	1.5%	8	1.7%	0	0.0%
Windshield Not Clear	7	1.3%	7	1.5%	0	0.0%
Non-Contact Vehicle Involved	6	1.1%	3	0.6%	3	15.8%
Drove Left of Center	4	0.8%	3	0.6%	0	0.0%
Improper Turn	4	0.8%	4	0.8%	0	0.0%
Improper Overtaking	3	0.6%	2	0.4%	0	0.0%
Other Defective Condition	3	0.6%	3	0.6%	0	0.0%
Under the Influence of Drugs	3	0.6%	3	0.6%	0	0.0%
Following Too Closely	2	0.4%	2	0.4%	0	0.0%
Non-collision Fire	2	0.4%	0	0.0%	0	0.0%
Other Lights or Reflecting/Defective	2	0.4%	2	0.4%	0	0.0%
Brakes Defective	1	0.2%	1	0.2%	0	0.0%
Cargo Loss or Shift	1	0.2%	1	0.2%	0	0.0%
Down Hill Runaway	1	0.2%	1	0.2%	0	0.0%
Eyesight Defective Uncorrected	1	0.2%	1	0.2%	0	0.0%
Fatigued	1	0.2%	1	0.2%	0	0.0%
Had Been Drinking	1	0.2%	0	0.0%	1	5.3%
Headlights Insufficient or Out	1	0.2%	1	0.2%	0	0.0%
Ill	1	0.2%	0	0.0%	0	0.0%
Passed Stop Sign	1	0.2%	1	0.2%	0	0.0%
Vehicle Rolling in Traffic Lane	1	0.2%	1	0.2%	0	0.0%
Grand Total	529	100.0%	479	100.0%	19	100.0%

Drivers Involved in Pedestrian Crashes

Table 3.11 and Figure 3.05 shows that drivers between the ages of 15 to 19 years represented the greatest percentage (17.5%) of drivers involved in all pedestrian crashes and pedestrian injury crashes. The largest percentage (21.9%) of drivers involved in fatal pedestrian crashes were in the age groups 20 to 24 years.

Table 3.11 Age of Drivers in Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Driver's Age	# Drivers	%	# Drivers	%	# Drivers	%
<15	1	0.1%	1	0.2%	0	0.0%
15 - 19	123	17.5%	111	17.5%	4	12.5%
20 - 24	100	14.2%	89	14.0%	7	21.9%
25 - 29	67	9.5%	62	9.8%	3	9.4%
30 - 34	63	9.0%	56	8.8%	3	9.4%
35 - 39	42	6.0%	34	5.4%	5	15.6%
40 - 44	51	7.3%	47	7.4%	2	6.3%
45 - 49	44	6.3%	43	6.8%	1	3.1%
50 - 54	35	5.0%	31	4.9%	2	6.3%
55 - 59	22	3.1%	21	3.3%	0	0.0%
60 - 64	23	3.3%	19	3.0%	2	6.3%
65 - 69	11	1.6%	10	1.6%	1	3.1%
70 - 74	10	1.4%	9	1.4%	1	3.1%
75 - 79	9	1.3%	9	1.4%	0	0.0%
80 - 84	6	0.9%	5	0.8%	0	0.0%
85 +	2	0.3%	2	0.3%	0	0.0%
Missing	94	13.4%	86	13.5%	1	3.1%
Grand Total	703	100.0%	635	100.0%	32	100.0%

Note: More than one driver may be involved in a pedestrian crash and driver information may be missing (e.g. a hit and run).

Figure 3.05 Age of Drivers in Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

Note: The above graph is based on percentage for the different crash categories. To read the above graph, look at one category across the age groups. For example, look at only the white bars (i.e. driver in pedestrian injury crashes) from age group to age group. Do not compare the heights of the different crash categories for a specific age group.

Slightly over half (55%) of drivers involved in total pedestrian crashes were male (Table 3.12). Male drivers represented 78.1% of drivers involved in fatal pedestrian crashes.

Table 3.12 Gender of Drivers in Total Crashes, Injury Crashes and Fatal Crashes Involving Pedestrians, Utah 2000

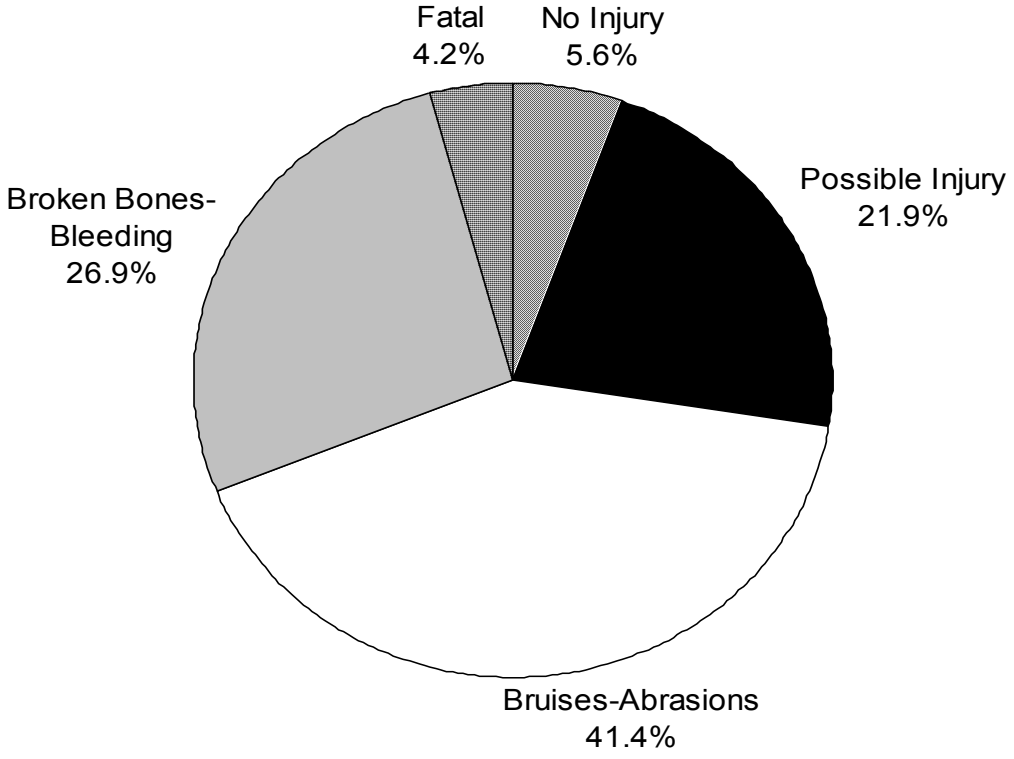
	Ped. Total Crashes		Ped. Injury Crashes		Ped. Fatal Crashes	
Driver's Gender	# Drivers	%	# Drivers	%	# Drivers	%
Female	262	37.3%	242	38.1%	6	18.8%
Male	387	55.0%	343	54.0%	25	78.1%
Missing	54	7.7%	50	7.9%	1	3.1%
Grand Total	703	100.0%	635	100.0%	32	100.0%

Note: More than one driver may be involved in a pedestrian crash and driver information may be missing (e.g., a hit and run).

Pedestrian Injury Severity

Figure 3.06 shows that 94.4% of pedestrians involved in a crash sustained an injury compared to 21.6% of all motor vehicle crash participants. The percentage of pedestrian fatalities (4.2%) was higher than the percentage for all motor vehicle crash participants (0.3%).

Figure 3.06 Pedestrian Injury Severity as Reported by Police, Utah 2000 (n=785)



Pedestrians by County

There were 785 pedestrians involved in crashes during 2000. This is approximately 4% less than the number of recorded pedestrians involved in crashes during 1999. Table 3.13 shows the number of pedestrians, injured pedestrians and pedestrians killed in motor vehicle crashes by county. Salt Lake, Utah, and Weber Counties had the highest rates of total pedestrians and injured pedestrians per million vehicle miles traveled. Salt Lake and Tooele had the highest rate of pedestrians killed.

Table 3.13 Total Pedestrians, Injured Pedestrians and Pedestrian Fatalities by County, Utah 2000

	Total Pedestrians			Injured Pedestrians			Pedestrian Fatalities		
County	#	Rate per 100 MVMT	Rate Per 10,000 Population	#	Rate per 100 MVMT	Rate Per 10,000 Population	#	Rate per 1000 MVMT	Rate Per 10,000 Population
Beaver	1	0.5	1.4	1	0.5	1.4	0	0.0	0.0
Box Elder	11	1.2	2.6	9	1.0	2.1	2	2.2	0.5
Cache	20	2.5	2.1	19	2.4	2.0	1	1.3	0.1
Carbon	5	1.4	2.2	5	1.4	2.2	0	0.0	0.0
Daggett	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Davis	67	3.2	2.8	62	3.0	2.6	1	0.5	0.0
Duchesne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Emery	1	0.3	0.9	1	0.3	0.9	0	0.0	0.0
Garfield	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Grand	3	1.1	2.7	2	0.7	1.8	0	0.0	0.0
Iron	3	0.5	0.9	3	0.5	0.9	0	0.0	0.0
Juab	1	0.3	1.2	1	0.3	1.2	0	0.0	0.0
Kane	1	0.8	1.3	1	0.8	1.3	0	0.0	0.0
Millard	2	0.5	1.5	2	0.5	1.5	0	0.0	0.0
Morgan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Piute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Salt Lake	402	5.5	4.6	362	4.9	4.1	22	3.0	0.3
San Juan	1	0.4	0.7	1	0.4	0.7	0	0.0	0.0
Sanpete	3	1.3	1.3	3	1.3	1.3	0	0.0	0.0
Sevier	7	1.8	3.6	7	1.8	3.6	0	0.0	0.0
Summit	7	1.1	2.5	7	1.1	2.5	0	0.0	0.0
Tooele	11	1.6	3.1	9	1.3	2.6	2	3.0	0.6
Uintah	5	1.7	2.0	5	1.7	2.0	0	0.0	0.0
Utah	146	4.8	4.2	132	4.4	3.8	2	0.7	0.1
Wasatch	4	1.6	2.8	3	1.2	2.1	0	0.0	0.0
Washington	15	1.7	1.7	14	1.6	1.6	0	0.0	0.0
Wayne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Weber	69	4.6	3.6	59	3.9	3.1	3	2.0	0.2
Statewide	785	3.5	3.6	708	3.1	3.3	33	1.5	0.2

Pedestrian Characteristics

Almost half (49.4%) of pedestrians involved in crashes were under 20 years of age (Table 3.14). This same age group accounted for 24.2% of the fatalities. While 4.6% of pedestrians involved in crashes were over the age of 65 years old, this age group accounted for 4.2% of injured pedestrians and 18.2% of the fatalities (Figure 3.07).

Figure 3.07 Age of Total Pedestrians, Injured Pedestrians and Pedestrian Fatalities, Utah 2000 (See Table 3.14 for values)

Note: The above graph is based on percentages for the different injury categories. To read the above graph, look at one category across the age groups. For example, look at only the white bars (i.e. injured pedestrians) from age group to age group. Do not compare the heights of the different categories for a specific age group.

Table 3.14 Age of Total Pedestrians, Injured Pedestrians and Pedestrian Fatalities, Utah 2000

	Total Pedestrians		Injured Pedestrians		Pedestrian Fatalities	
Age	#	%	#	%	#	%
00 - 04	42	5.4%	37	5.2%	1	3.0%
05 - 09	85	10.8%	73	10.3%	5	15.2%
10 - 14	133	16.9%	126	17.8%	1	3.0%
15 - 19	128	16.3%	120	16.9%	1	3.0%
20 - 24	77	9.8%	71	10.0%	2	6.1%
25 - 29	45	5.7%	43	6.1%	1	3.0%
30 - 34	47	6.0%	44	6.2%	1	3.0%
35 - 39	38	4.8%	33	4.7%	4	12.1%
40 - 44	37	4.7%	32	4.5%	2	6.1%
45 - 49	37	4.7%	30	4.2%	3	9.1%
50 - 54	29	3.7%	25	3.5%	4	12.1%
55 - 59	16	2.0%	14	2.0%	2	6.1%
60 - 64	12	1.5%	11	1.6%	0	0.0%
65 - 69	8	1.0%	8	1.1%	0	0.0%
70 - 74	13	1.7%	10	1.4%	3	9.1%
75 - 79	5	0.6%	5	0.7%	0	0.0%
80 - 84	7	0.9%	5	0.7%	2	6.1%
85 +	3	0.4%	2	0.3%	1	3.0%
Missing	23	2.9%	19	2.7%	0	0.0%
Grand Total	785	100.0%	708	100.0%	33	100.0%

Table 3.15 shows the gender of pedestrians involved in crashes. Over half of the pedestrians involved in all three types of pedestrian crashes were male (60.3%, 60.9%, and 54.5% respectively).

Table 3.15 Gender of Total Pedestrians, Injured Pedestrians and Pedestrian Fatalities, Utah 2000

	Total Pedestrians		Injured Pedestrians		Pedestrian Fatalities	
Gender	#	%	#	%	#	%
Female	309	39.4%	274	38.7%	15	45.5%
Male	473	60.3%	431	60.9%	18	54.5%
Missing	3	0.4%	3	0.4%	0	0.0%
Grand Total	785	100.0%	708	100.0%	33	100.0%

The actions of the pedestrian prior to the crash are shown in Table 3.16. The leading pedestrian actions prior to the crash occurrence were "crossing the roadway not at an intersection" (20.8%), and crossing the roadway at intersection (with signal, no signal, against signal, diagonally) (43.8%).

Table 3.16 Pedestrian Action Prior to Crash, Utah 2000

	Pedestrians		Injured Pedestrians		Pedestrian Fatalities	
Pedestrian Action Prior to Crash	**#**	**%**	**#**	**%**	**#**	**%**
Crossing Not at Intersection	163	20.8%	147	20.8%	15	45.5%
Crossing Intersection with Signal	137	17.5%	128	18.1%	0	0.0%
Crossing Intersection with No Signal	134	17.1%	126	17.8%	3	9.1%
Crossing Intersection Against Signal	66	8.4%	57	8.1%	5	15.2%
Other in Roadway	51	6.5%	45	6.4%	3	9.1%
Coming from Behind Parked Cars	37	4.7%	35	4.9%	0	0.0%
Not in Roadway	32	4.1%	29	4.1%	0	0.0%
Other Standing in Roadway	28	3.6%	25	3.5%	2	6.1%
Walking in Roadway with Traffic	21	2.7%	17	2.4%	1	3.0%
Playing in Roadway	20	2.5%	18	2.5%	1	3.0%
Other Working in Roadway	15	1.9%	12	1.7%	0	0.0%
Walking To or From School	14	1.8%	11	1.6%	0	0.0%
Pushing-Working on Veh in Roadway	13	1.7%	13	1.8%	0	0.0%
Walking in Roadway Against Traffic	11	1.4%	11	1.6%	0	0.0%
Not Stated	10	1.3%	8	1.1%	0	0.0%
Walking on Sidewalk	7	0.9%	6	0.8%	1	3.0%
Crossing Intersection Diagonally	6	0.8%	5	0.7%	1	3.0%
Getting On or Off Other Vehicle	5	0.6%	4	0.6%	0	0.0%
Hitching on Vehicle	4	0.5%	4	0.6%	0	0.0%
Getting On or Off Bus	2	0.3%	1	0.1%	0	0.0%
Riding in Roadway Against Traffic	2	0.3%	2	0.3%	0	0.0%
Riding on Sidewalk	1	0.1%	1	0.1%	0	0.0%
Standing on Crosswalk Median Island	1	0.1%	1	0.1%	0	0.0%
Lying on Roadway	1	0.1%	0	0.0%	1	3.0%
Missing	4	0.5%	2	0.3%	0	0.0%
Grand Total	785	100.0%	708	100.0%	33	100.0%

There were 33 pedestrian fatalities in 2000. The age group and gender with the most fatalities were males aged 50 to 54 and females aged 5 to 9 years. (Table 3.17).

Table 3.17 Age and Gender of Pedestrian Fatalities, Utah 2000

	Males		Females	
Age	#	%	#	%
00 - 04	1	5.6%	0	0.0%
05 - 09	2	11.1%	3	20.0%
10 - 14	0	0.0%	1	6.7%
15 - 19	0	0.0%	1	6.7%
20 - 24	1	5.6%	1	6.7%
25 - 29	1	5.6%	0	0.0%
30 - 34	1	5.6%	0	0.0%
35 - 39	2	11.1%	2	13.3%
40 - 44	1	5.6%	1	6.7%
45 - 49	1	5.6%	2	13.3%
50 - 54	4	22.2%	0	0.0%
55 - 59	1	5.6%	1	6.7%
60 - 64	0	0.0%	0	0.0%
65 - 69	0	0.0%	0	0.0%
70 - 74	2	11.1%	1	6.7%
75 - 79	0	0.0%	0	0.0%
80 - 84	1	5.6%	1	6.7%
85 +	0	0.0%	1	6.7%
Grand Total	18	100.0%	15	100.0%

Alcohol and Other Drugs:

There were 6 pedestrian fatalities that involved alcohol and other drugs. Of these, 5 pedestrians and 1 drivers were impaired by alcohol and other drugs.